

MONTHLY CALCULATED PARAMETER WORKSHEET - March 2017

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
00011	Temperature, Effluent °F From Monthly Status Reports	Week 1 Average: 66 °F Week 2 Average: 61 °F Week 3 Average: 57 °F Week 4 Average: 61 °F Week 5 Average: 64 °F	{ 61.8 °F (= average of raw data) 68 °F Monthly Max (from Monthly Status Reports)}
00145	BOD ₅ Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	BOD ₅ < 4 mg/L 0.189 MGD	{ 6.311618592 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	BOD ₅ < 4 mg/L 0.397 MGD	{ 13.24298592 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00400	pH From Monthly Status Reports	Minimum 8.0 SU Maximum 8.6 SU	

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value				
00530	Total Suspended Solids						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>16</td><td>mg/L</td></tr> <tr><td>0.189</td><td>MGD</td></tr> </table> 25.24647437 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	16	mg/L	0.189	MGD
16	mg/L						
0.189	MGD						
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>16</td><td>mg/L</td></tr> <tr><td>0.397</td><td>MGD</td></tr> </table> 52.97194368 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	16	mg/L	0.397	MGD
16	mg/L						
0.397	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						
00610	Ammonia (as N)	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.189</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	9		0.189	MGD
9							
0.189	MGD						
	Results from Lab analysis	Ammonia					
	Flow results from Parameter Code 50500						
00630	Nitrite plus Nitrate						
	Results from Lab analysis	Nitrite	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0.015</td><td>(a) mg/L</td></tr> <tr><td>13.7</td><td>(b) mg/L</td></tr> </table> 13.715 mg/L (= a + b)	0.015	(a) mg/L	13.7	(b) mg/L
0.015	(a) mg/L						
13.7	(b) mg/L						
	Results from Lab analysis	Nitrate					
00745	Sulfide, total	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.189</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	9		0.189	MGD
9							
0.189	MGD						
	Results from Lab analysis	Sulfide					
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	Sulfide	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0</td><td>mg/L</td></tr> <tr><td>0.397</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	0	mg/L	0.397	MGD
0	mg/L						
0.397	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						

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01034	Chromium, total	NODI	
	Results from Lab analysis	Chromium	9 0.189 mg/L MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Chromium	000 0 mg/L MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
01034	Phenols	NODI	
	Results from Lab analysis	Phenolics	9 0.189 mg/L MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Phenolics	000 mg/L MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
50050	Flow		
	From Monthly Status Reports	Week 1 Average: Week 2 Average: Week 3 Average: Week 4 Average: Week 5 Average:	145519 gal/d 204146 gal/d 172552 gal/d 189438 gal/d 234331 gal/d
			0.189 MGD (= average of raw data/1,000,000)
			0.397 MGD Monthly Max (from Monthly Status Reports)

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
51040	e-Coli (April - Oct)	NODI	
	Results from Lab analysis	Week 1 Result: Week 2 Result: Week 3 Result: Week 4 Result: Week 5 Result:	9 CFU/100mL CFU/100mL CFU/100mL CFU/100mL CFU/100mL
			CFU/100mL (= average of raw data/1,000,000)
81017	Chemical Oxygen Demand	NODI	
	Results from Lab analysis	COD	9 mg/L
	Flow results from Parameter Code 50500 (Avg)		0.189 MGD
			0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	COD	
	Flow results from Parameter Code 50500 (Max Daily)		0.397 MGD
			0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)